

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113116.D
 Acq On : 19 Mar 2019 3:41
 Operator : JU/SJ
 Sample : K1947-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B130-031319

Quant Time: Mar 19 07:12:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

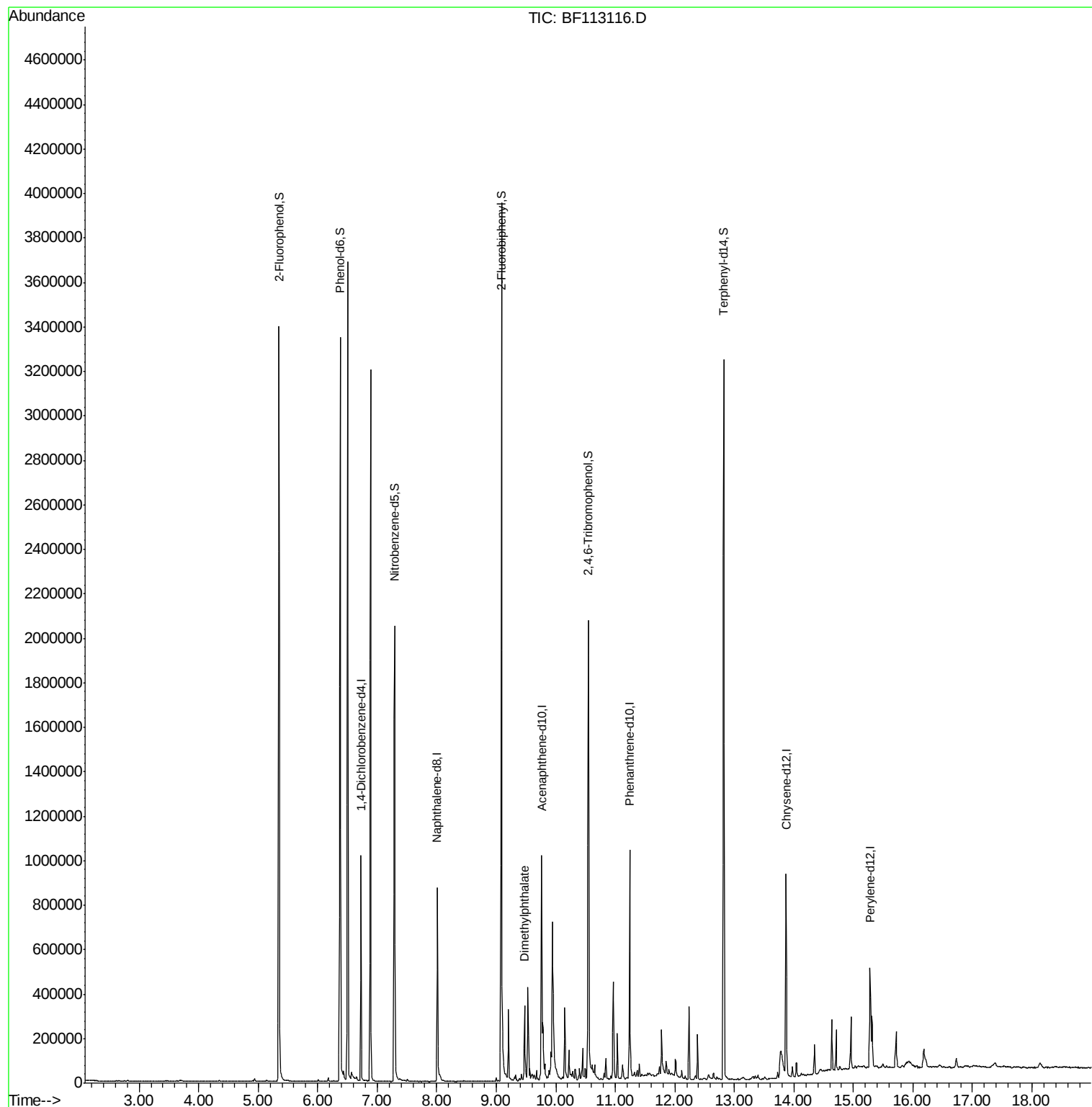
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	144007	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	452567	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	244122	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	428587	20.00	ng	0.00
76) Chrysene-d12	13.87	240	339331	20.00	ng	0.00
87) Perylene-d12	15.28	264	237755	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1004824	108.54	ng	0.00
7) Phenol-d6	6.38	99	1282070	110.25	ng	0.00
23) Nitrobenzene-d5	7.29	82	703204	92.98	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	332913	128.46	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1392907	98.71	ng	0.00
79) Terphenyl-d14	12.82	244	1147927	65.58	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	159698	8.872	ng	Qvalue 99

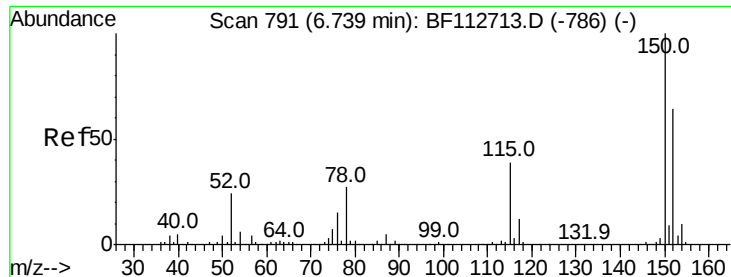
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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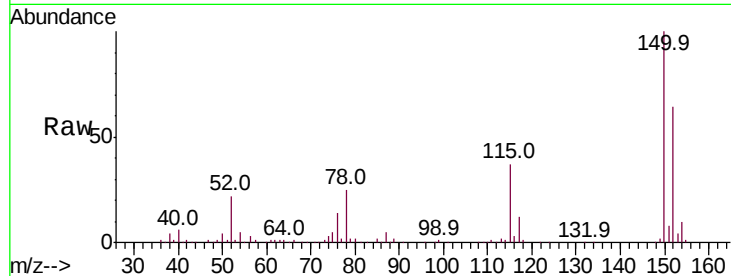


#1

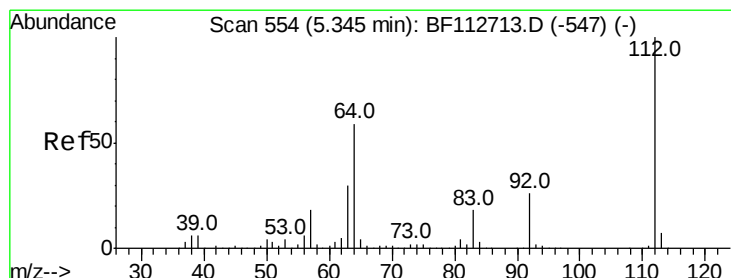
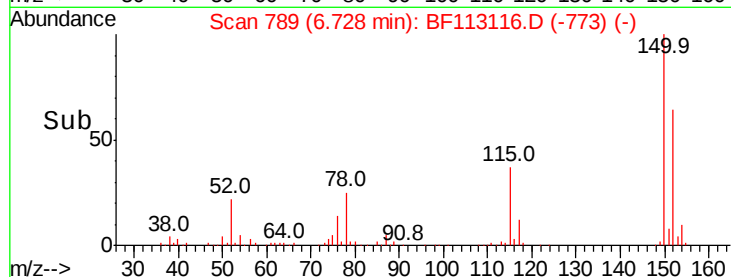
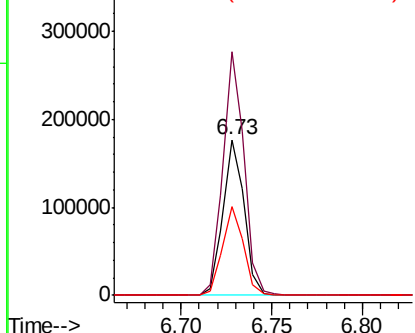
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Instrument :
BNA_F
ClientSampleId :
PST-025-B130-031319

Tot Ion:152 Resp: 144007
Ion Ratio Lower Upper
152 100
150 156.8 124.2 186.2
115 57.3 48.2 72.4



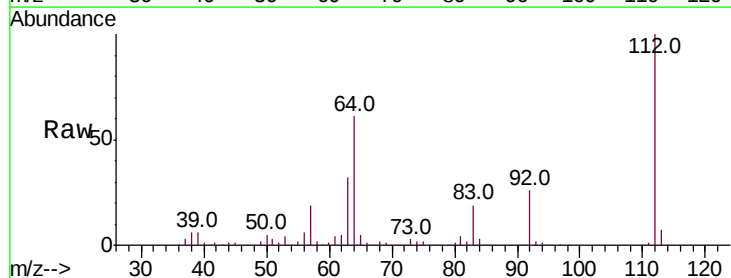
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



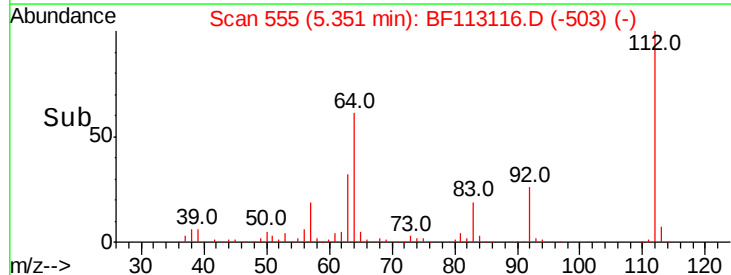
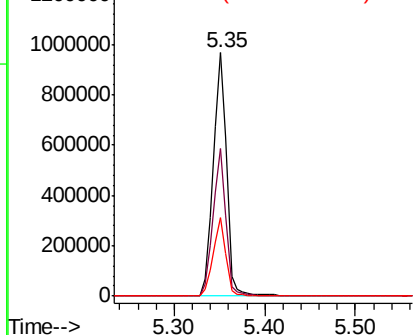
#5

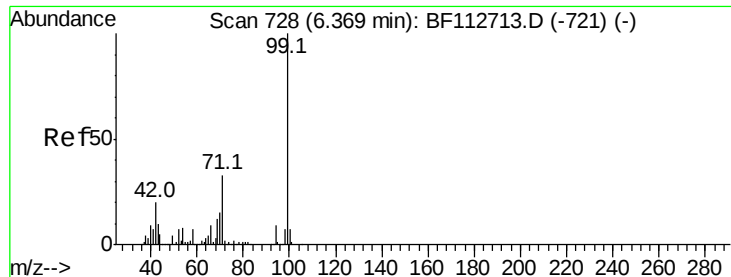
2-Fluorophenol
Concen: 108.540 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Tgt Ion:112 Resp: 1004824
Ion Ratio Lower Upper
112 100
64 60.8 47.6 71.4
63 32.0 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 110.246 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF113116.D

Acq: 19 Mar 2019 3:41

Instrument :

BNA_F

ClientSampleId :

PST-025-B130-031319

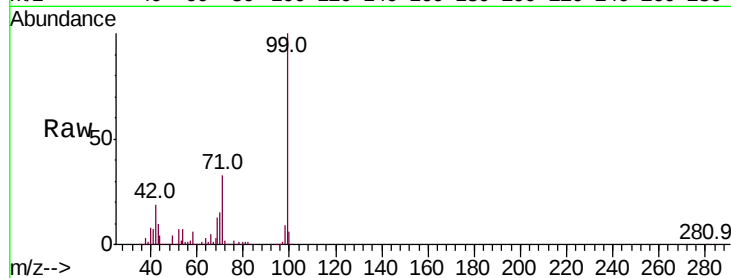
Tot Ion: 99 Resp: 1282070

Ion Ratio Lower Upper

99 100

42 19.0 16.3 24.5

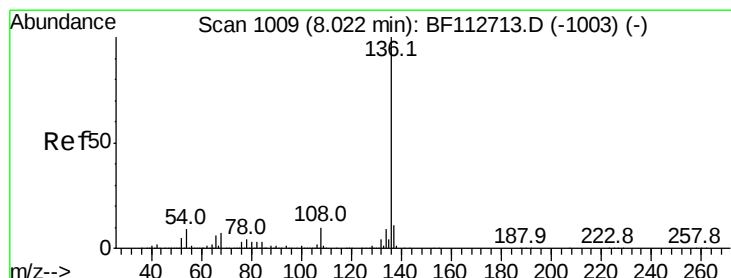
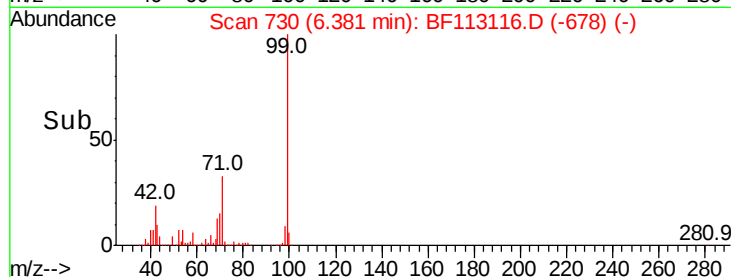
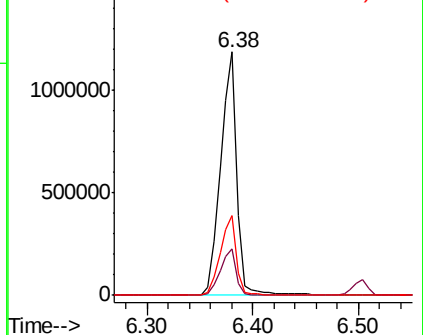
71 32.9 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113116.D

Acq: 19 Mar 2019 3:41

Tgt Ion: 136 Resp: 452567

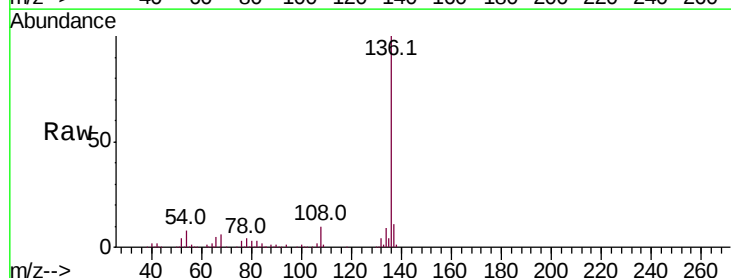
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.7 7.3 10.9

68 5.8 5.4 8.2

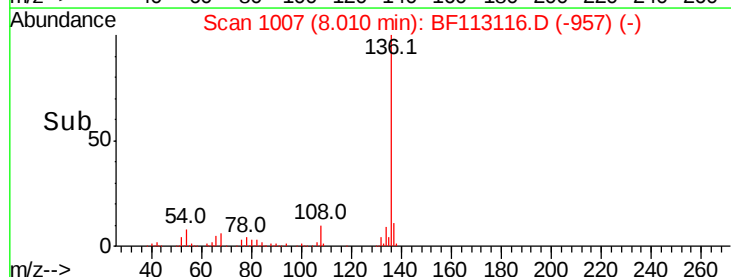
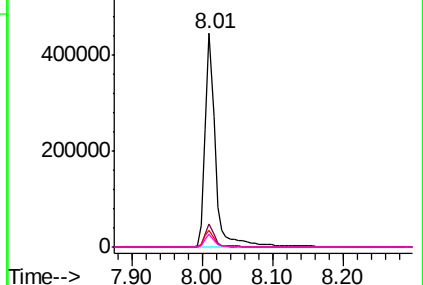


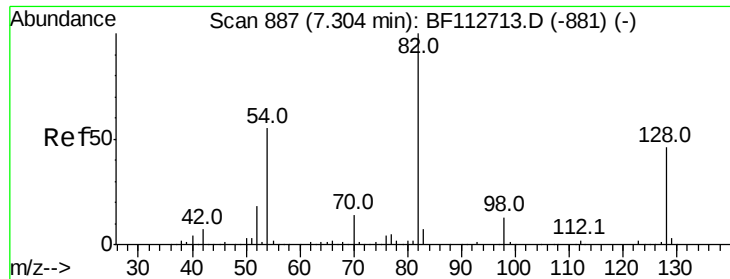
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

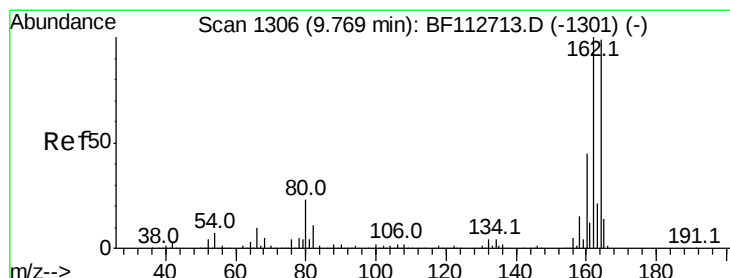
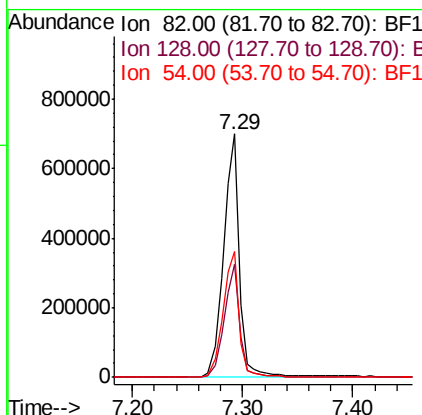
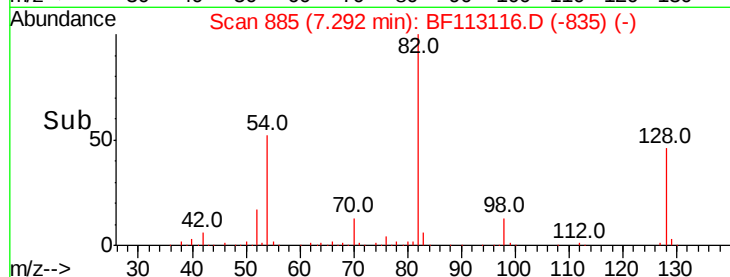
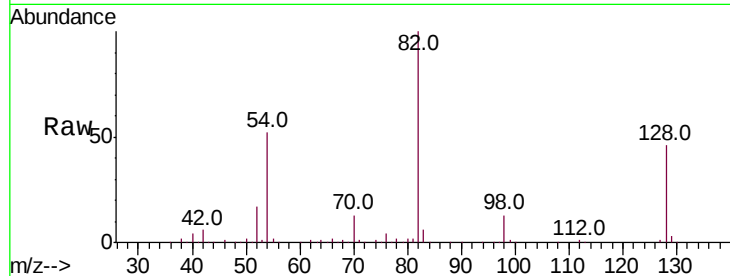




#23
Nitrobenzene-d5
Concen: 92.977 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

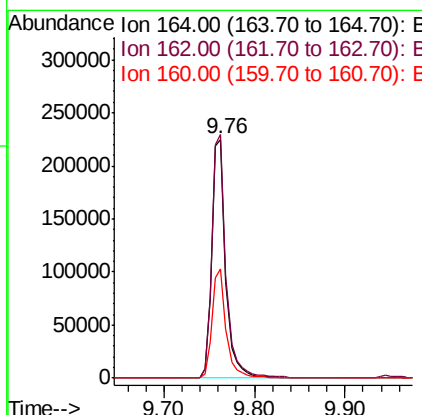
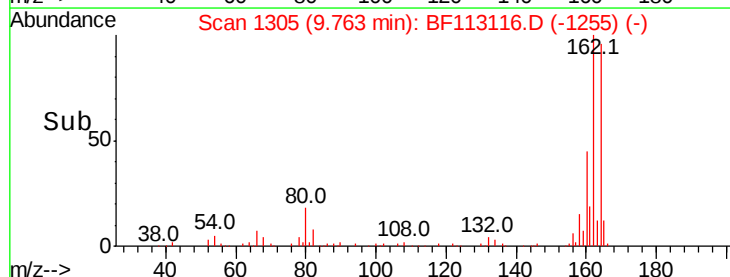
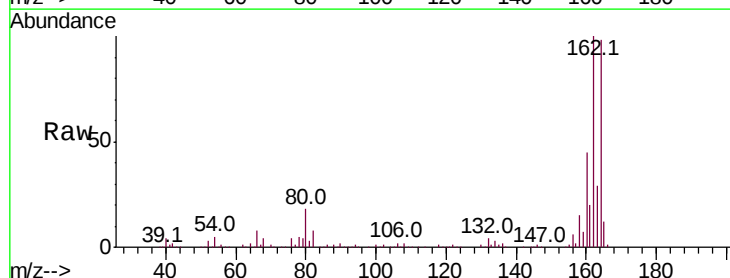
Instrument :
BNA_F
ClientSampleId :
PST-025-B130-031319

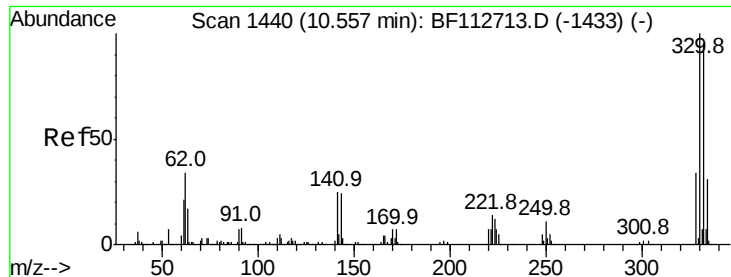
Tot Ion: 82 Resp: 703204
Ion Ratio Lower Upper
82 100
128 46.5 36.3 54.5
54 51.6 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Tgt Ion: 164 Resp: 244122
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 45.8 36.0 54.0

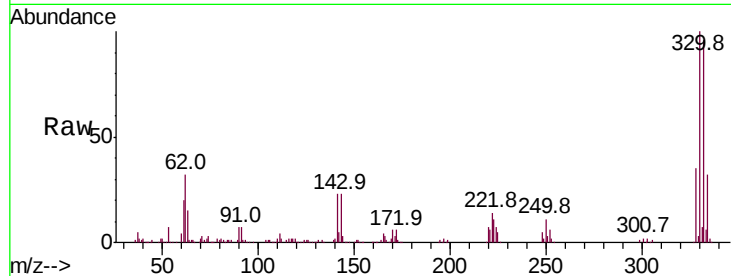




#42
 2,4,6-Tribromophenol
 Concen: 128.455 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF113116.D
 Acq: 19 Mar 2019 3:41

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B130-031319

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.2	114.4
141	27.8	27.0	40.6

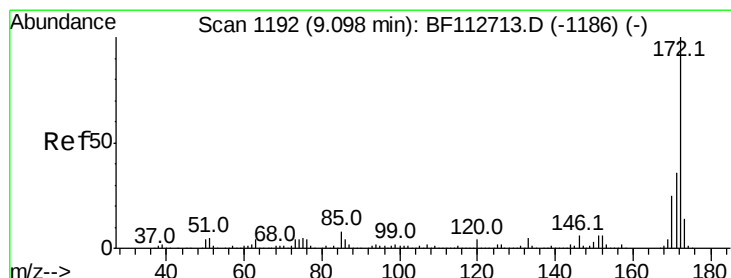
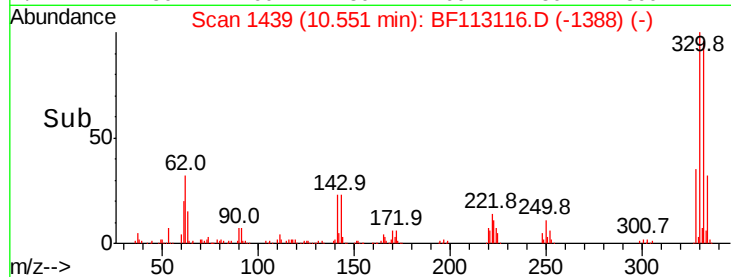
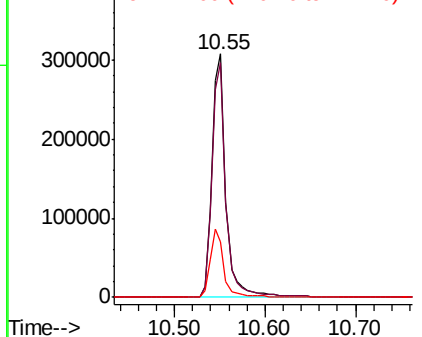


Abundance

Ion 329.80 (329.50 to 330.50): E

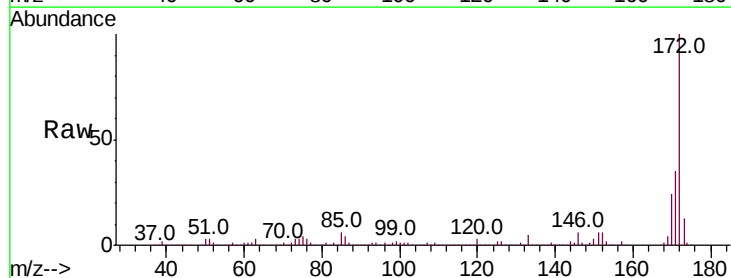
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 98.710 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113116.D
 Acq: 19 Mar 2019 3:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	24.3	20.0	30.0

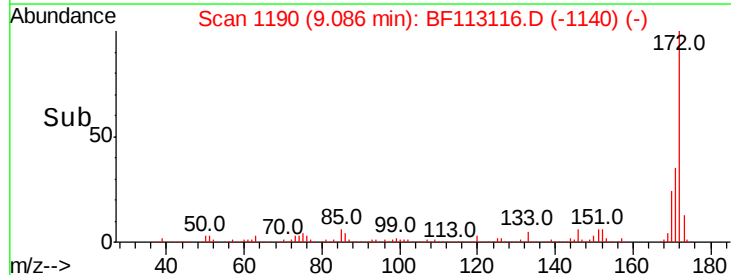
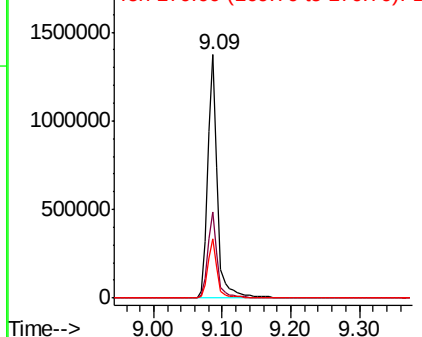


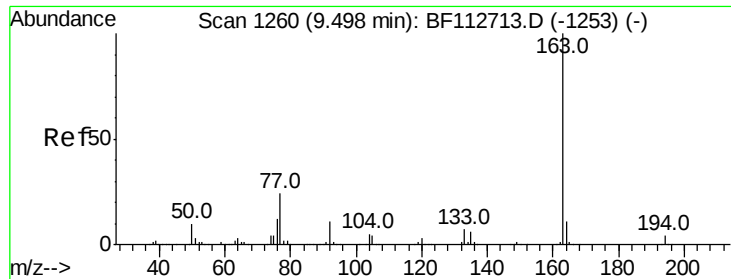
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

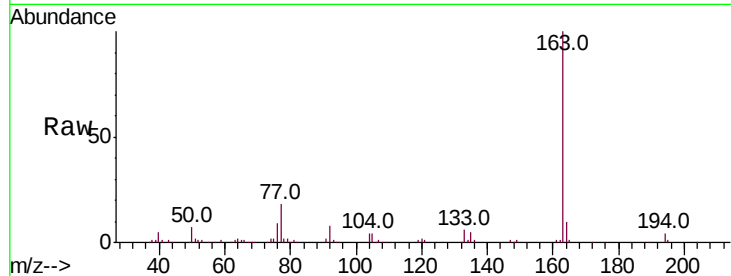




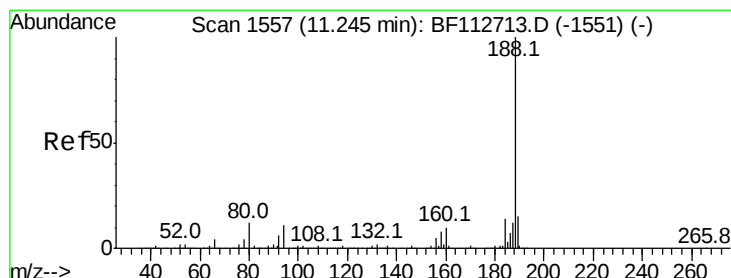
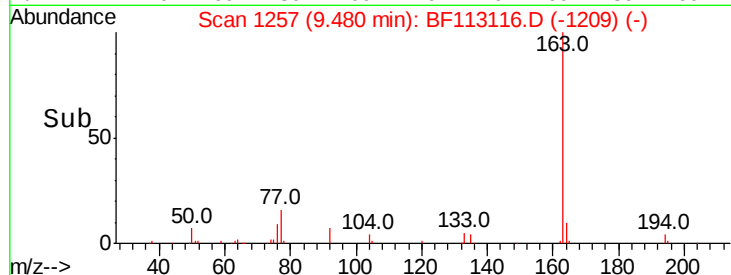
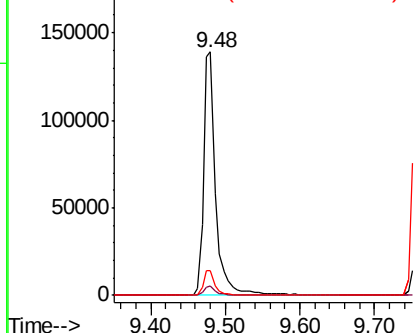
#50
Dimethylphthalate
Concen: 8.872 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Instrument :
BNA_F
ClientSampleId :
PST-025-B130-031319

Tot Ion:163 Resp: 159698
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.0 8.4 12.6

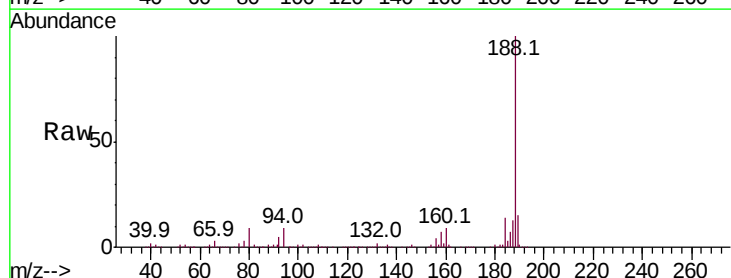


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

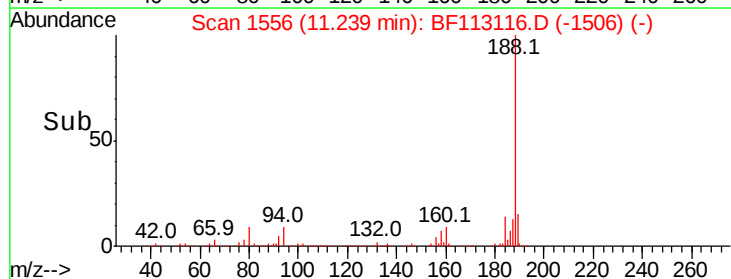
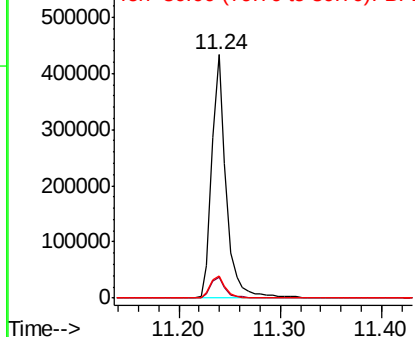


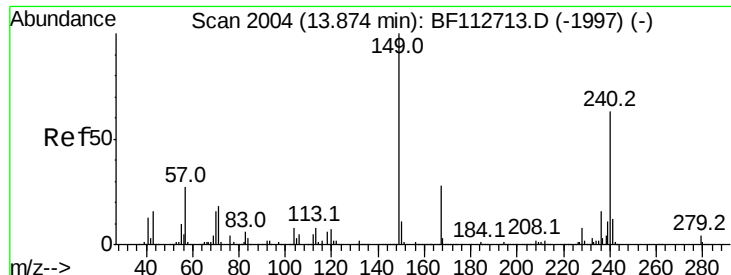
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Tgt Ion:188 Resp: 428587
Ion Ratio Lower Upper
188 100
94 8.8 9.0 13.4#
80 9.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF113116.D

Acq: 19 Mar 2019 3:41

Instrument :

BNA_F

ClientSampleId :

PST-025-B130-031319

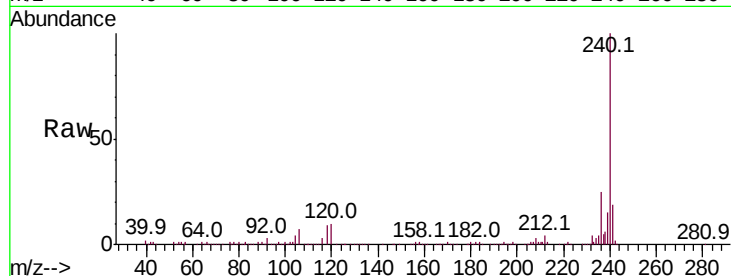
Tot Ion:240 Resp: 339331

Ion Ratio Lower Upper

240 100

120 9.9 8.9 13.3

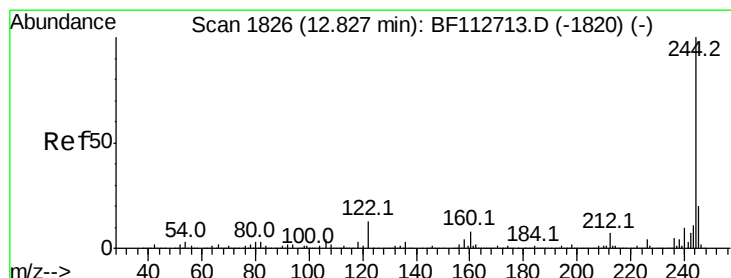
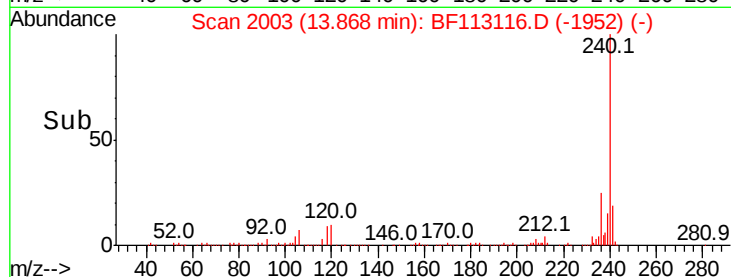
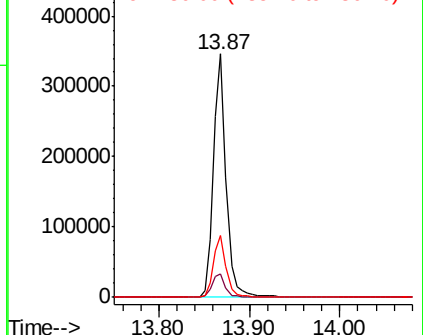
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 65.578 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF113116.D

Acq: 19 Mar 2019 3:41

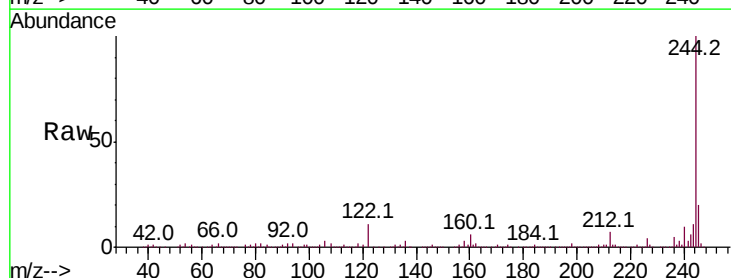
Tgt Ion:244 Resp: 1147927

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

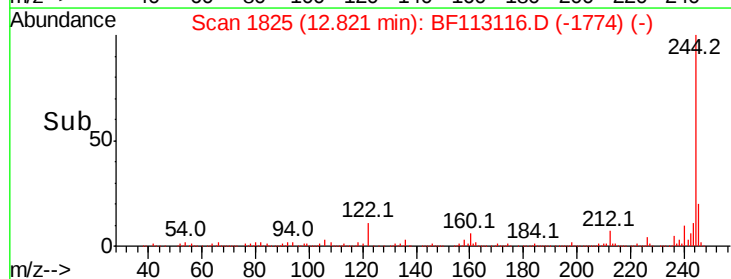
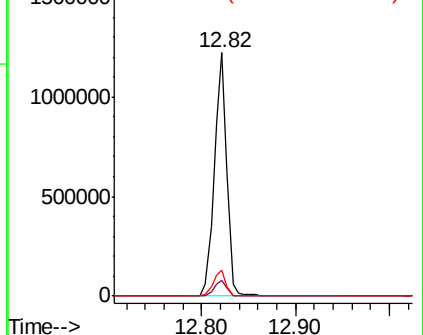
122 10.7 10.5 15.7

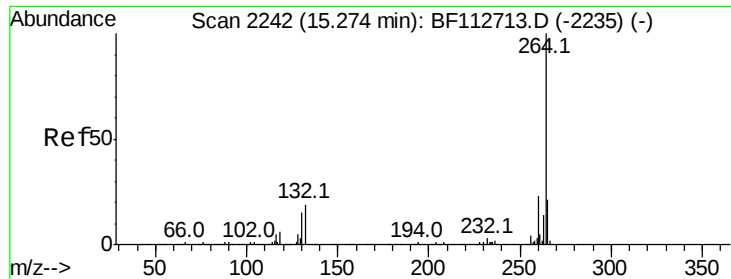


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

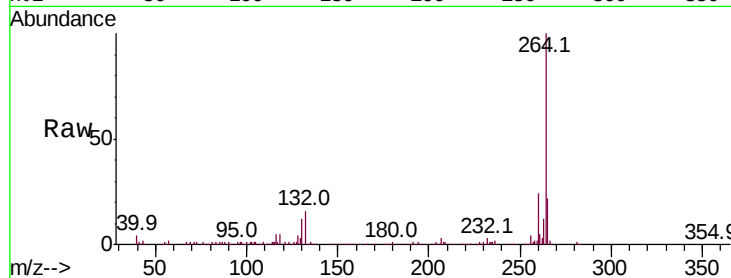




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BF113116.D
 Acq: 19 Mar 2019 3:41

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B130-031319

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.0	17.2	25.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

